

BELZONA PROVIDED A BETTER GRIP ON A CAISSON CLAMP PIPELINE SUPPORT

ID: 9777



PROBLEM

The bonding of the previously installed neoprene rubber sheet failed. Traces of corrosion dripping out in between the rubber sheet and the clamp were observed after a few months of installation.

APPLICATION SITUATION

The newly fabricated caisson clamp needs to be sheathed with a corrugated neoprene rubber, and it must be bonded to the clamp using a tougher bonding material with a required 1.5 mm thick bonding line.

APPLICATION METHOD

The application was done using a stiff bristled brush in accordance with Belzona System Leaflet SHM-12.

Using a dummy pipe with the same diameter as the actual pipe, the corrugated neoprene rubber sheet was bonded in a sandwich between the clamp and the dummy pipe by tightening the bolts.

BELZONA FACTS

Belzona 2111 (D & A Hi-Build Elastomer) can be used as rebuilding and adhesive for elastomeric and non elastomeric substrates. Easy to apply without any hot work for bonding.

Belzona 2921 (Elastomer GP Conditioner) is a surface conditioner which is the elastomeric primer required for better adhesion of Belzona elastomers onto any rigid and flexible substrates.

INDUSTRY

Oil & Gas

LOCATION

AL Shaheen Field Offshore Qatar

APPLICATION DATE

January 2023

PRODUCTS

Belzona 2111 (D & A Hi-Build Elastomer)
Belzona 2921 (Elastomer GP Conditioner)

SUBSTRATE

Carbon steel

PHOTOS

1. Belzona 2921 Surface Conditioner Application
2. Belzona 2111 (D & A Hi-Build Elastomer) Bonding material application
3. Clamping using a dummy pipe to compress the Neoprene Rubber sheet
4. Completed Bonding Application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

